
Cyclin D1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250491

Unit: 0.1 mg

Description:

Cyclin-D1 (BCL-1) complexes with CDK4 and CDK6 serine/threonine protein kinases to impart substrate specificity. Cyclin-D1 is essential for G1/S phase transition. Following DNA damage, Cyclin-D1 is phosphorylated at Thr-286 by MAP kinases, leading to its FBXO31-mediated ubiquitination and subsequent degradation. Chromosomal aberrations of CCND1 lead to various neoplastic and proliferative disorders.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, D

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Cyclin D1; G1/S-specific cyclin-D1; PRAD1 oncogene; BCL-1 oncogene; BCL1; PRAD1; B-cell lymphoma 1 protein; CCND1; Cyl-1

Accession No.: P25322

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the central region of rodent Cyclin-D1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.